

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,149,363 B2  
APPLICATION NO. : 09/977318  
DATED : December 12, 2006  
INVENTOR(S) : Fukuda

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**DRAWING SHEET 4:**

FIG. 4, "CONVERSION" should read -- CONVERSION --.

**COLUMN 1:**

Line 18, "is" should read -- are --; and  
Line 19, "is" should read --are--.

**COLUMN 2:**

Line 63, "arranged" should read -- arranged in an --.

**COLUMN 4:**

Line 5, "calculated" should read -- calculated by --; and  
Line 8, "calculated" should read -- is calculated --.

**COLUMN 6:**

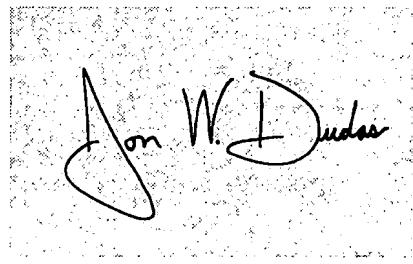
Line 64, "well" should read -- very --.

**COLUMN 7:**

Line 18, "121, 122 becomes always" should read -- 121 and 122 always become --.

Signed and Sealed this

Thirteenth Day of November, 2007



JON W. DUDAS  
Director of the United States Patent and Trademark Office